

11/7/1 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
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Monoclonal antibody specific by human alpha-7 interferon prodn. - by immunising mice, then hybridoma prodn., selection for antigen specificity and culture, useful in immunoassay

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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DD 283154	A	19901003	DD 328460	A	19890510	199110 B
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Priority Applications (No Type Date): DD 328460 A 19890510

Abstract (Basic): DD 283154 A

Prodn. of monoclonal antibodies (MAb) against human alpha-1 interferon (I) comprises (1) immunising BALB/c mice with recombinant (I); (2) fusing spleen cells with myeloma cells; (3) selecting hybridomas; (4) determining their antigen specificity by ELISA and solid phase bioassay; (5) choosing specific hybridomas; (6) establishing hybridoma lines by cloning and repeated recloning; (6) cultivating the new hybridoma cell lines H62/21B10 or H62/21B12 (deposited as Z1M-0441 and -0442, respectively) or transplanting them into mice and passaging in ascites form, then (7) isolating the MAb ZIMET 21B10 or 21B12 from the -culture supernatant or ascites fluid.

USE/ADVANTAGE - MAb are useful for immunochemical determination and affinity-chromatographic purification of recombinant (I). They possess a specific antigenic determinant for (I) so make possible differentiation between the biological activities of (I) and human alpha-2 interferon. (3pp Dwg.No.0/0)

Derwent Class: B04; D16

International Patent Class (Additional): C12N-005/18